

Dr. Firas Obeidat Publications

✓ Journals:-

- 1) **Firas Obeidat.** A Comprehensive Review of Future Photovoltaic Systems. Solar Energy Journal-Elsevier 163C (2018) pp. 545-551.
- 2) **Firas Obeidat.** PV Micro Inverter Reliability Prediction Based on RIAC. Water & Energy International journal, volume 60/RNI, No.11, February 2018.
- 3) Firas Obeidat and Roger Shuttleworth. PV Inverters Reliability Prediction. World Applied Sciences Journal (WASJ-idosi) 35 (2): 275-287, 2017.
- 4) **Firas Obeidat**, Xu Lie, and Li Yongdong. Grid-Connected Multilevel Topology for HVDC Offshore Wind Farm Based on MFT. Power Electronics Technology Journal, Xian, china, June 2013.
- 5) **Firas Obeidat**, Xu Lie, and Li Yongdong. Grid-Connected Multilevel Topology for HVDC Offshore Wind Farm. Electric machines and Control, Harbin, China. Feb 2013.

✓ Conferences:-

- 6) **Firas Obeidat** and Roger Shuttleworth. Reliability Prediction of PV Inverters Based on MIL-217F N2. 42nd IEEE Photovoltaic Specialists Conference (42nd IEEE PVSC), New Orleans, USA, June 14-19, 2015. (*this paper nominated for the best poster award at 'Modules, Manufacturing, Systems and Applications (I)' session*)
- 7) **Firas Obeidat**, Xu Lie, and Li Yongdong. Simulation of Grid Connected HVDC Offshore Wind Farm Topologies. The 10th IEEE International Conference on Power Electronics and Drive Systems (PEDS2013), Kitakyushu, Japan, 22-25 April 2013.
- 8) **Firas Obeidat**, Li Yongdong, and Xu Lie. The Application of Three Level NPC Converter for Wind Power Generator. 2012 IEEE 7th International Power Electronics and Motion Control Conference - ECCE Asia, Harbin, China, June 2-5, 2012.